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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Alternative Evidence Gathering Template – Internal Assessment** | | | | | | | | | | | | | | | |  | |
| These templates must only be used to record student achievement and report results where remote assessment is the only practical option and the collection of direct assessment evidence from students has not been at all possible. ‘Alternative Evidence’ is student evidence for internally assessed standards that has been seen or heard within the teaching and learning programme. These templates do not signal a reduction in what is accepted for each grade, but rather a means of summarising evidence for reporting. These templates must be viewed in conjunction with the standard and assessment advice forwarded to schools to ensure that valid, credible and reliable assessment and learning has occurred before the standard is awarded. While physical evidence of student work does not need to be attached, the assessor decisions made must also be verified internally before reporting results. The template needs to be completed in accordance with the requirements in the Subject Learning Outcomes. | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |
| Student ID | | Student 1 | | | | | | | | | | | Subject | Chemistry and Biology | | Level | 1 |
| Notes | |  | | | | | | | | | | | Standard No. | 92021 | | Version | 3 |
| Standard Title | | Demonstrate understanding of chemical reactions in context | | | | | | | | | | | | | | Credits | 6 |
|  | | | | | | | | | | | | |  | | |  | |
| **Achieved** | | | | | | | | | **Merit** | | | | | | **Excellence** | | |
| Demonstrate understanding of chemical reactions in context. | | | | | | | | | Explain chemical reactions in context. | | | | | | Interpret chemical reactions in context. | | |
|  | | | | | | | | | | | | |  | | |  | |
| **Key requirements (list):** | | | | | | A | | | M | | | E | **Describe or attach the evidence considered.** | | | **Explain how the judgement was made.** | |
| Describe a range of chemical reaction types and predictable patterns in chemical reactions, using observations. | | | | | |  | | |  | | |  |  | | |  | |
| Describe the reactants and products in the chemical reactions, with reference to conservation of mass. | | | | | | ☐ | | |  | | |  |  | | |  | |
| Link each chemical reaction to a context, modelled using generic word equations. | | | | | | ☐ | | |  | | |  |  | | |  | |
| Explain conservation of mass for the chemical reactions, modelled using chemical word equations. | | | | | |  | | | ☐ | | |  |  | | |  | |
| Link each explanation to a context, by linking the products and reactants of each reaction to predictable patterns, and observations. | | | | | |  | | | ☐ | | |  |  | | |  | |
| Justify conservation of mass for the chemical reactions, modelled using balanced chemical equations. | | | | | |  | | |  | | | ☐ |  | | |  | |
| Link each justification to a context, with reference to the chemical reactions, products, reactants, predictable patterns and observations. | | | | | |  | | |  | | | ☐ |  | | |  | |
|  | | | | |  | |  | | |  | | |  | | |  | |
| **Sufficiency statement** | | | | | | | | | | | | | **Internal Verification** | | | | |
| Achievement | All of A is required | | | | | | | | | | | | Assessor: Date: | | | | |
| Merit | All of A and M is required | | | | | | | | | | | | Verifier: Date: | | | | |
| Excellence | All of A, M and E is required | | | | | | | | | | | | Verifier’s school: | | | | |
| MARK OVERALL GRADE | | | N | A | | | | M | | | E | | Comments: | | | | |

For the purpose of national external moderation, please follow the external moderation guidelines on the NZQA website.